

Kennebunk High School

Honors Algebra 2 with Trig Syllabus

Teacher: Ms. Ovington

Email: aovington@rsu21.net

Room: C208

Website: <https://ovingtonclassroom.weebly.com/>

Availability:

I am available for extra help before and after school. Send me an email or talk to me before or after class what time you would like to meet to ensure I do not have a meeting.

Course Description:

This course is designed to cover Algebra 2 and Precalculus topics. Topics will include linear functions and equations, quadratic and polynomial equations with real and complex solutions, exponential and logarithmic equations and functions, transformations, rational expressions, systems of equations, matrices, probability including permutations and combinations, sequences and series, conics, and trigonometry through advanced trigonometric identities. The student will need access to a graphing calculator on a regular basis. A TI-nspire CX CAS series graphing calculator is required. The Honors Algebra II with Trigonometry course covers topics in greater depth and breadth than Algebra II. AB Calculus may be taken after successful completion of this course.

My Expectation:

By choosing to take this class, I expect that you will put full effort into everything that we do in this class and outside of this class with a positive and supportive attitude. Some students may understand concepts quicker than others and it is understood that we will be respectful and helpful in working together to succeed in everyone understanding the concepts. We are all here to learn and we will support each other through struggles.

Procedures:

- A syllabus with the assignments and topics will be provided at the beginning of each chapter. I will try to follow the syllabus as closely as possible throughout the course; some changes will occur due to snow days, how well the class is understanding the material and so on. If you are out sick but feel well enough to do schoolwork, you should follow the assignments on the syllabus so that you stay up with the class. Due to the possible changes I will not pass out a hard copy, instead the syllabus can be found on my website <https://ovingtonclassroom.weebly.com/>
- All classroom notes; blank and completed, can be found on my website <https://ovingtonclassroom.weebly.com/>
- Pens are not allowed on any test or assignment that is turned in.
- Upon entering the classroom:
 - Place your phone in the phone caddy. Your name will be assigned to a number in the caddy. This will be your number for the year.

- o Take your homework out and place it on your table, so I can check homework while everyone is completing the warm up.
- o You will see a warm up projected on the board. Begin working through the warm up.
- **Leaving the classroom:** Do not interrupt the class to ask permission to leave the room in order to use the restroom or go to your locker. If you need to use the restroom or find that you have forgotten something needed for class, you may quietly get up and sign out on the clipboard by the door, take the pass and use the facilities as necessary. Return the pass and sign back in when you return. Do not abuse this privilege! You are responsible for what you miss in class while you are gone. You may not leave the classroom during a test.

Homework

Homework provides a valuable opportunity for practice - you cannot become proficient at mathematics without doing it every day. Therefore, homework will be assigned for each lesson. You are expected do the homework each night in order to keep up with and contribute to the class.

- The answers to the homework I assign can be found in the back of the textbook. I will not accept just an answer. Work must be shown on all problems to receive credit.
- The grade is based on effort. To receive full credit all the problems must be attempted. You must at least write down the problem and/or draw any diagrams or graphs necessary and **make a reasonable attempt** so that I know that you made an effort to solve the problem. Leave plenty of room by this problem so that when we go over homework the next day, you can ask for this problem to be solved and you can then have room to work the problem.
- All the answers do not need to be correct, but all problems do need to be attempted.
 - o Every homework problem will have an exemplar in the notes. "I didn't know/understand" will not be accepted as an excuse for incomplete homework.
 - Ask questions in class about the notes
 - Look up the topic in your math book and read about it, collaborate with a classmate, or come in to see me or another teacher in the math department before class for assistance.
- We will not go through every problem assigned. Rather, I will ask which problems there were questions on and we will go over those.
- I will not accept late homework for any reason. Homework prepares you for the following class and allows you to participate in the class and learn. If homework is not completed the class cannot run efficiently as the necessary preparation was not completed.

Tests and Quizzes

- A student may NOT retake a test
- Tests must be completed in the time period allotted.
 - o Unless an accommodation has been agreed upon prior to taking the test

- All work must be shown on a test for full credit.
 - If work is not shown points will be taken off
 - Math is communication, be sure to communicate clearly!
- If a student receives a 70% or lower on a test then a “Mandatory Academic Assistance” slip will be stapled to the front of the test.
 - The student has one week, from when the test was passed back, to come in before or after school to complete test corrections over the test.
 - These test corrections **DO NOT** change the test grade.

Required Materials:

- Binder
- Calculator (TI-nspire CX-CAS recommended)
- PENCIL → No pen
- Textbook
 - Homework will be from the textbook

Grading:

30% Homework
70% Tests and Quizzes
(Quick Check = $\frac{1}{2}$ Test)